

FIG. 1

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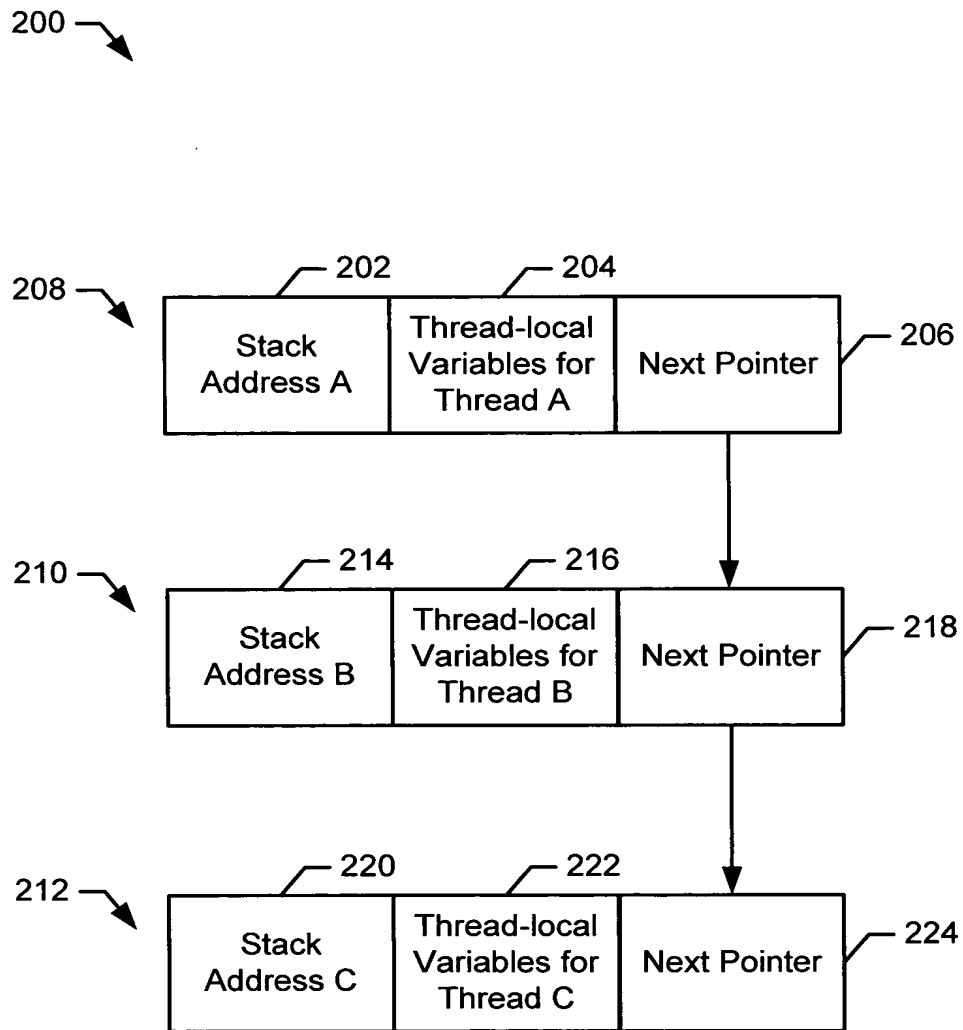


FIG. 2

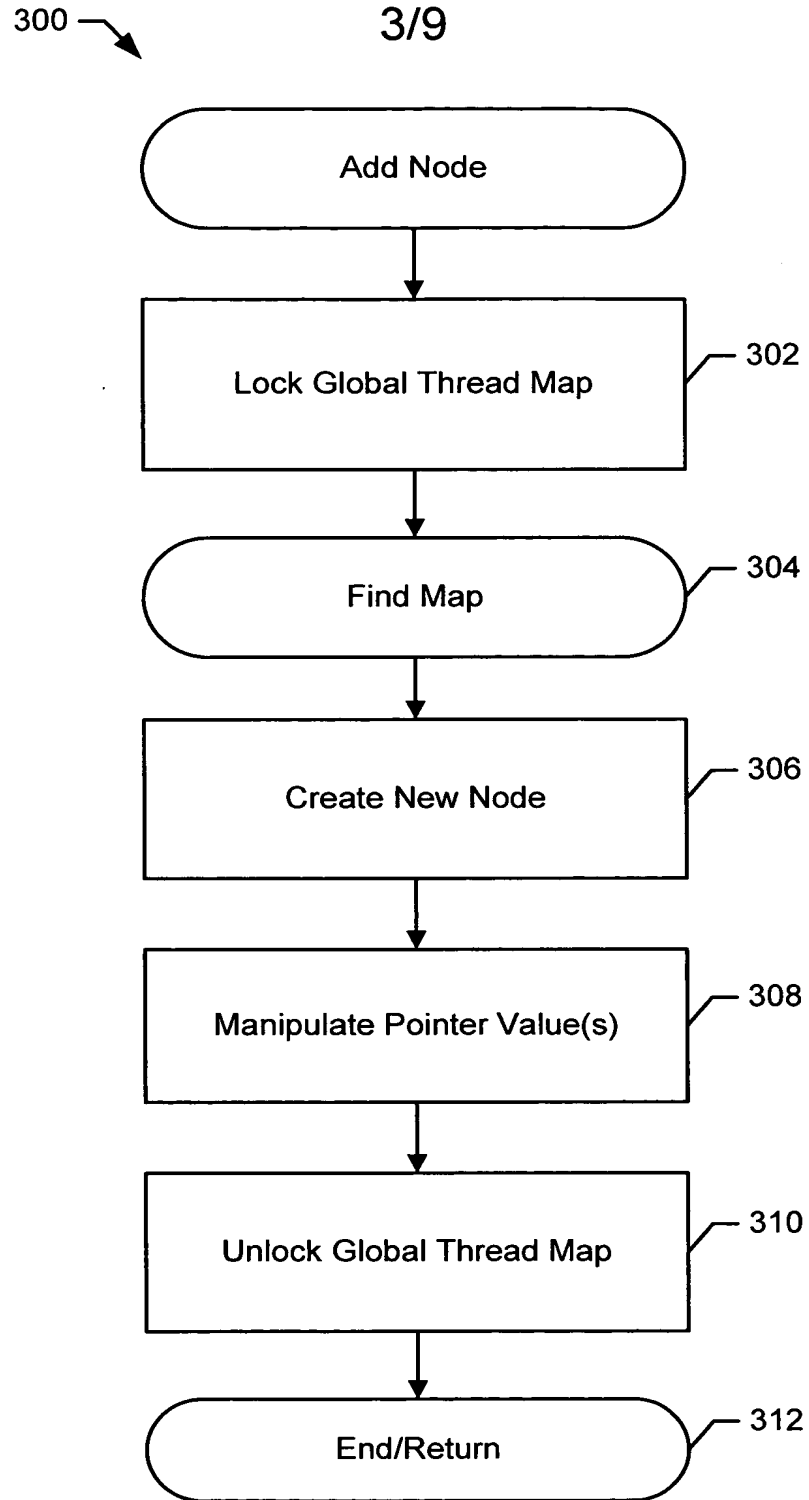



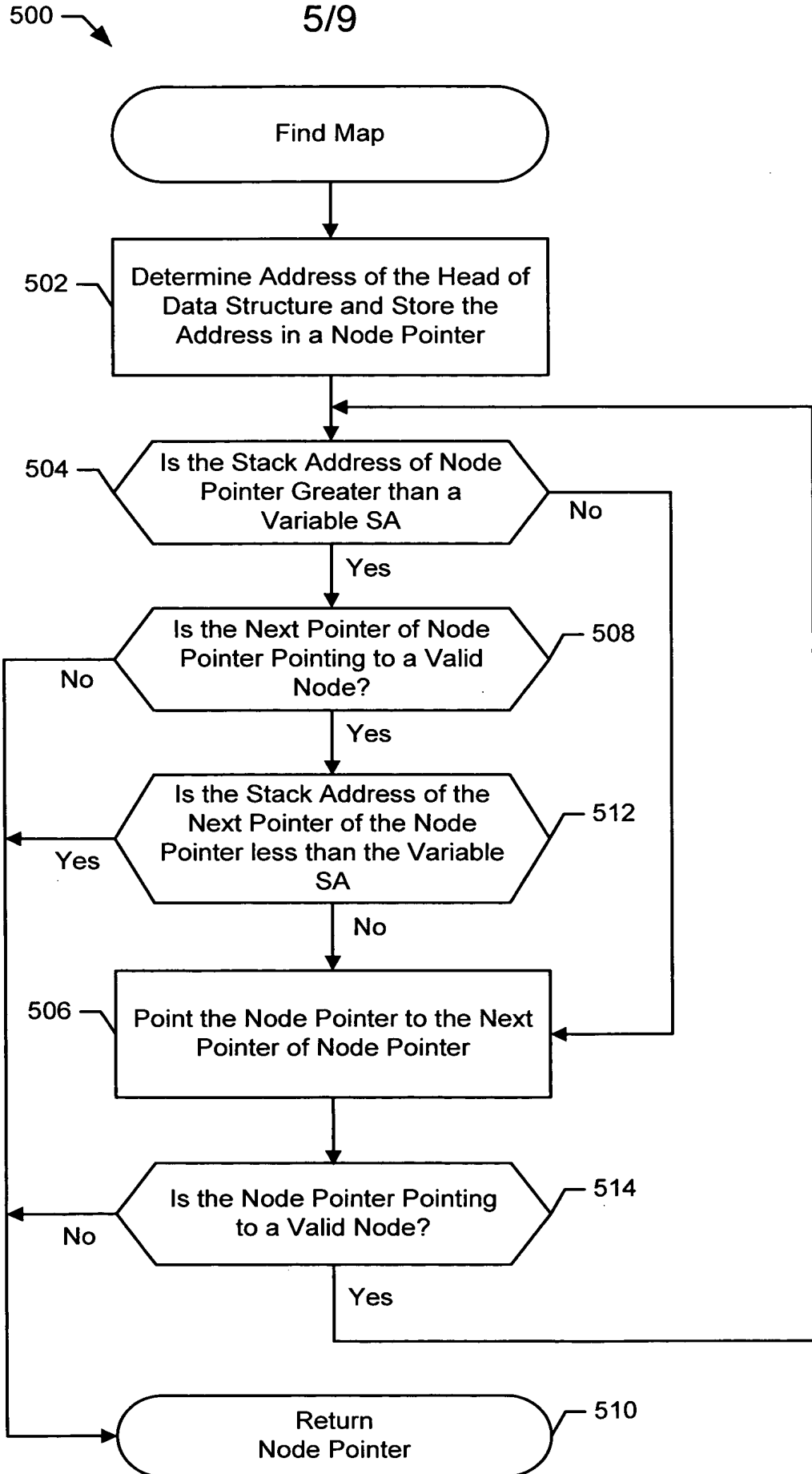
FIG. 3

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400 

```
401: ADD_MAP_NODE(stacki, p_thread_local_vari) {  
402:     lock(global_thread_map) ;  
  
404:     p = find_map(stacki) ;  
  
406:     q = new Node(stacki, p_thread_local_vari) ;  
  
408A:    q->next = p->next ;  
408B:    p->next = q ;  
  
410:     unlock(global_thread_map) ;  
412: }
```

FIG. 4



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600 ↘

```
601: find_map(SA) {
602:     p = head(global_thread_map) ;
604:     do {
606:         if(p->stack > SA) {
608:             if(p->next) {
610:                 if( p->next->stack < SA) {
612:                     break ;
614:                 }
616:             }
618:             else {
620:                 break ;
622:             }
624:         }
626:         p = p->next ;
628:     } while(p) ;
630:     return p ;
632: }
```

FIG. 6

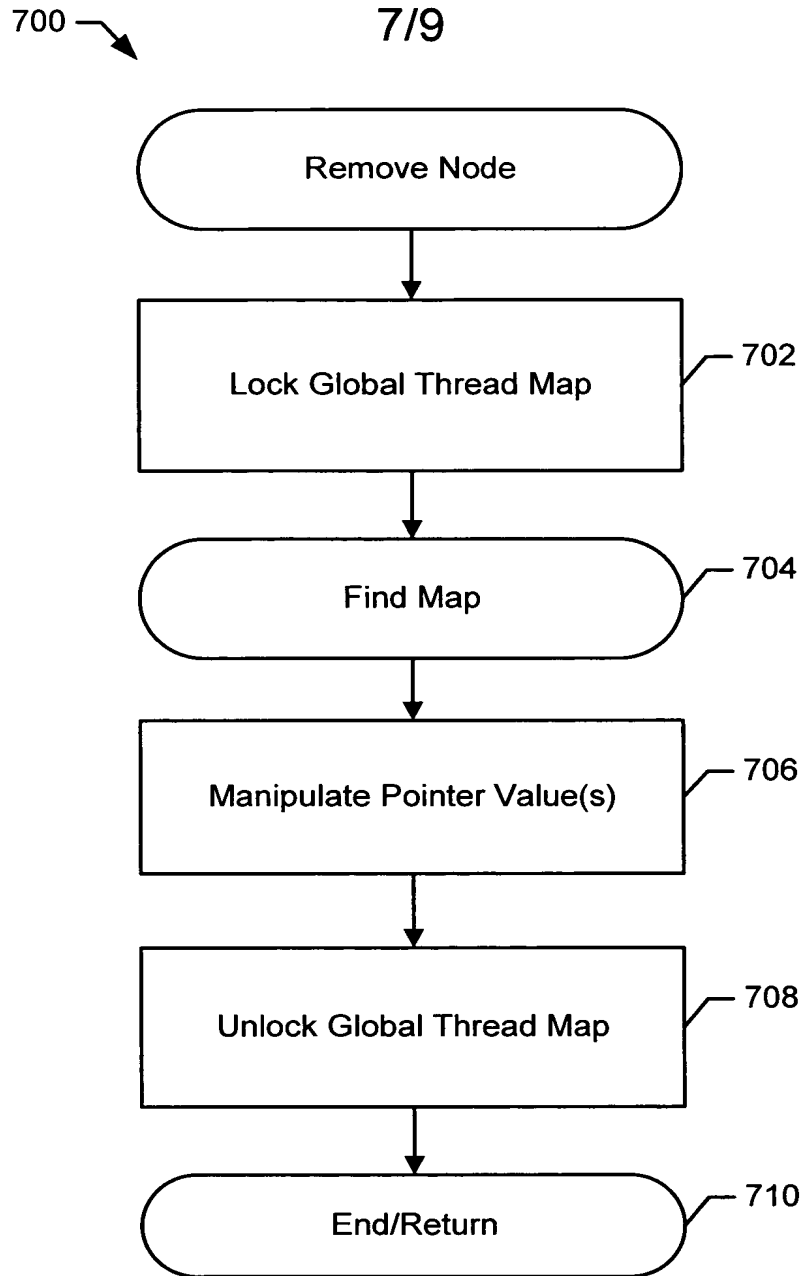



FIG. 7

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800 

```
801: REMOVE_MAP_NODE(stacki) {  
802:     lock(global_thread_map) ;  
  
804:     p = find_map(stacki) ;  
  
806:     p->next = p->next->next ;  
  
808:     unlock(global_thread_map) ;  
810: }
```

FIG. 8

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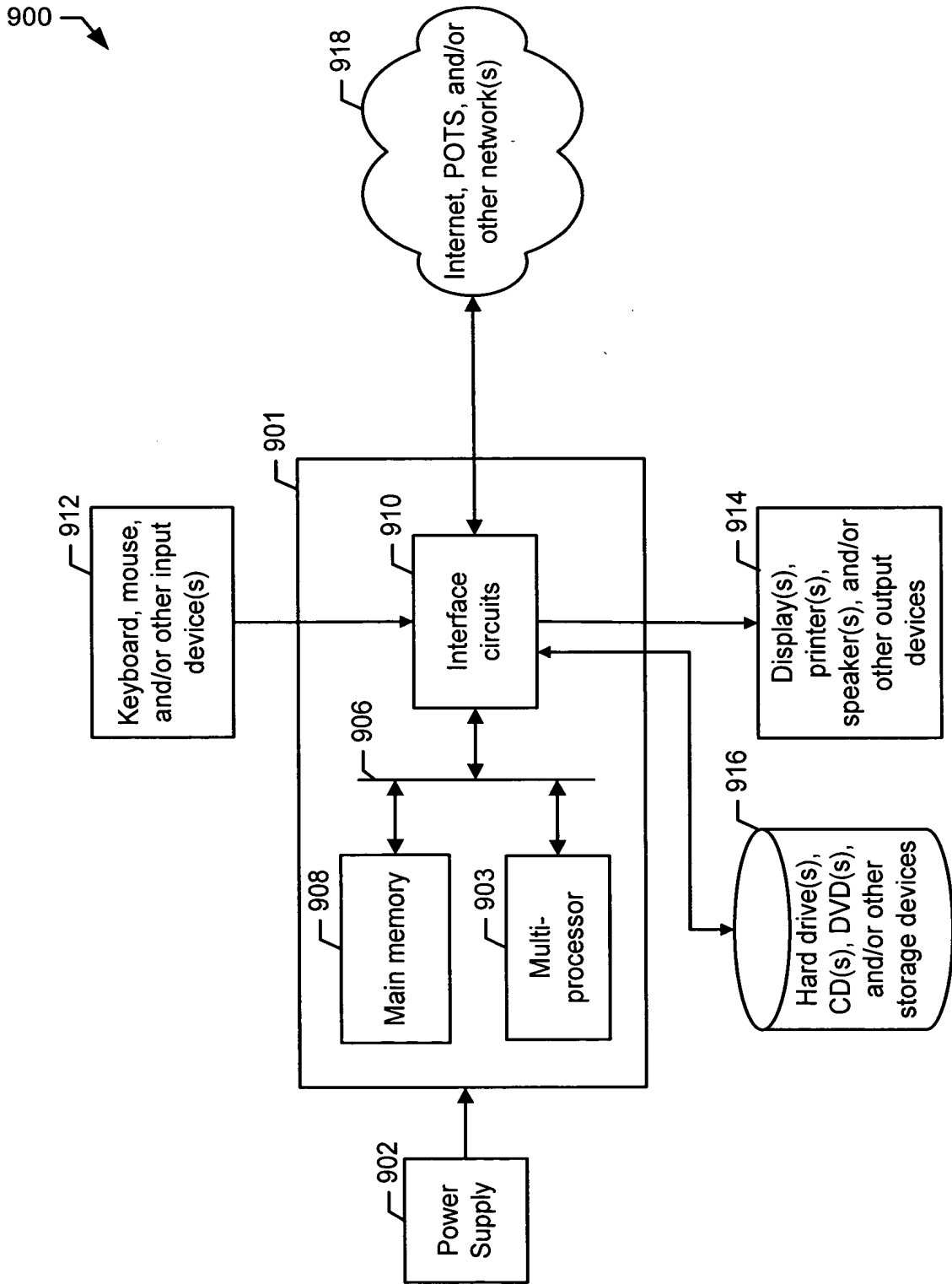


FIG. 9